



APPENDIX 2 – GLOSSARY, ACRONYMS AND ABBREVIATIONS

NEW LENTON COAL PTY LTD
NEW LENTON COAL PROJECT

The acronyms and abbreviations used throughout all chapters of the PER are listed alphabetically in Table 1.

Table 1 *Acronyms and Abbreviations*

Acronym / Abbreviation	Full Wording / Explanation
3D	3D Environmental
µs/cm	Micro siemens per centimetre
µg/L	Micrograms per litre
AARC	AARC Environmental Solutions
ACARP	Australian Coal Association Research Program
ACCU	Australian Carbon Credit Unit
ACH Act	<i>Aboriginal Cultural Heritage Act 2003</i>
AEP	Annual Exceedance Probability
AGMR	Annual Groundwater Monitoring Report
AHD	Australian Height Datum
ANC	Acid Neutralising Capacity
ANZG	Australian and New Zealand Guidelines for Fresh and Marine Water Quality
AWBM	Australian Water Balance Model
AWL	Associated Water Licence
BCC	Bowen Coking Coal Ltd
bcm	Bank Cubic Meters
Biosecurity Act	<i>Biosecurity Act 2014 (Qld)</i>
BoM	Bureau of Meteorology
BOS	Biodiversity Offsets Strategy
BVG	Broad Vegetation Group
CER	Clean Energy Regulator
CHMA	Cultural Heritage Management Agreement
CHMP	Cultural Heritage Management Plan
CHPP	Coal Handling and Processing Plant
CO ₂ -e	Carbon Dioxide Equivalent
CSG	Coal Seam Gas
CSIRO	Commonwealth Scientific and Industrial Research Organisation
CWD	Clean Water Dam
DAF	Queensland Department of Agriculture and Fisheries
DAWE	Federal Department of Agriculture, Water and the Environment (former)
DBCT	Dalrymple Bay Coal terminal
dbh	Diameter at Breast Height
DCCEEW	Federal Department of Climate Change, the Environment and Water
DEHP	Queensland Department of Environment and Heritage Protection
DES	Queensland Department of Environment and Science
DF	Design Flood
DGV	Default Guideline Value
DIDO	Drive In Drive Out
DNRME	Queensland Department of Natural Resources, Mines and Energy
DoR	Queensland Department of Resources

Acronym / Abbreviation	Full Wording / Explanation
DRDMW	Queensland Department of Regional Development, Manufacturing and Water
DSDILGP	Queensland Department of State Development, Infrastructure, Local Government and Planning
EA	Environmental Authority
EC	Electrical Conductivity
EIS	Environmental Impact Statement
EO Act	<i>Environmental Offsets Act 2014 (Qld)</i>
EO Regulation	<i>Environmental Offsets Regulation 2014 (Qld)</i>
EP Act	<i>Environmental Protection Act 1994 (Qld)</i>
EPBC Act	<i>Environment Protection and Biodiversity Conservation Act 1999 (Cth)</i>
EPP Water	<i>Environmental Protection (Water and Wetland Biodiversity) Policy 2019 (Qld)</i>
ERC	Estimated Rehabilitation Cost
ESC	Erosion and Sediment Control
ESCP	Erosion and Sediment Control Plan
ESD	Ecologically Sustainable Development
ESP	Exchangeable Sodium Percentage
EV	Environmental Value
EVNT	Endangered, Vulnerable and Near Threatened
FCCM	Fort Cooper Coal Measures
FIFO	Fly In Fly Out
Fisheries Act	Queensland <i>Fisheries Act 1994</i>
frc	FRC Environmental
GAB	Great Artesian Basin
GDE	Groundwater Dependent Ecosystem
GDEMMP	Groundwater Dependent Ecosystem Monitoring and Management Plan
GHG	Greenhouse Gas
GMA	Groundwater Management Area
GMMP	Groundwater Monitoring and Management Plan
ha	Hectares
HQP	Habitat Quality Plots
HVR	High-Value Regrowth
IAS	Initial Advice Statement
IECA	International Erosion Control Association
IESC	Independent Expert Scientific Committee on Coal Seam Gas and Large Coal Mining Development
IESC guidelines	Information Guidelines for Proponents Preparing Coal Seam Gas And Large Coal Mining Development Proposals
IRC	Isaac Regional Council
JORC Code	The Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves
kL/d	Kilolitres per day
LAI	Leaf Area Index
LGA	Local Government Area
LOD	Land Outcome Document

Acronym / Abbreviation	Full Wording / Explanation
LJV	Lenton Joint Venture
LWP	Leaf Water Potential
m/s	Metres per second
m ³ /s	Cubic Metres per second
mAHD	Metres Australian Height Datum
Mbcm	Million bank cubic meters
mBGL / mbgl	Metres below ground level
mBTC	Meters below top of casing
MDL	Mineral Development Licence
MERFP Act	Queensland <i>Mineral and Energy (Financial Provisioning) Act 2018 (Qld)</i>
mGH	Metres Gauge Height
Mg-HCO ₃	Magnesium Bicarbonate
Mg/L	Milligrams per Litre
MIA	Mine Infrastructure Area
ML	Mining Lease
ML/a	Megalitres per annum
ML/d	Megalitres per day
MNES	Matters of National Environmental Significance
MOV	Maximum Operating Volume
MPa	Megapascals
MPC	MPC Lenton Pty Ltd
MR Act	<i>Mineral Resources Act 1989 (Qld)</i>
MSES	Matters of State Environmental Significance
Mt	Million tonnes
Mtpa	Million tonnes per annum
N/m ²	Newtons per square meter
Na-Cl	Sodium Chloride
Na-HCO ₃	Sodium Bicarbonate
Na-SO ₄	Sodium Sulphate
NAF	Non-Acid Forming
NAPP	Net Acid Production Potential
NATA	National Association of Testing Authorities
NC Act	<i>Nature Conservation Act 1992 (Qld)</i>
New Hope	New Hope Corporation
NGER Act	<i>National Greenhouse and Energy Reporting Act 2007</i>
NLC	New Lenton Coal Pty Ltd
NPV	Net Present Value
NR	Non remnant
NT Act	<i>Native Title Act 1993 (Qld)</i>
NUMA	Non-Use Management Area
OAMP	Offset Area Management Plan
OAG	Offsets Assessment Guide
OCRE	Of Concern Regional Ecosystem
OPSIM	Operational Simulation Model

Acronym / Abbreviation	Full Wording / Explanation
PAA	Priority Agricultural Areas
PER	Public Environment Report
PER Guidelines	Guidelines for the Content of a Draft Public Environment Report
pH	A measure of acidity on a scale of 0-14
PLA	Priority Living Areas
PMF	Probable Maximum Flood
PMLU	Post Mining Land Use
PMP	Probable Maximum Precipitation
PMST	Protected Matters Search Tool
PRCP	Progressive Rehabilitation and Closure Plan
QEOP	Queensland Environmental Offsets Policy
QWQG	Queensland Water Quality Guidelines
RCP8.5	Representative Concentration Pathway 8.5
RCM	Rangal Coal Measures
RE	Regional Ecosystem
REDD	Regional Ecosystem Description Database
REMP	Receiving Environment Monitoring Program
RIDA	Regional Interests Development Authority
RMP	Rehabilitation Management Plan
ROM	Run of Mine
RPI Act	Queensland <i>Regional Planning Interests Act 2014</i>
Safeguard Rule	<i>National Greenhouse and Energy Reporting (Safeguard Mechanism) Rule 2015</i>
SCA	Strategic Cropping Area
SD	Sediment Dam
SDPWO Act	<i>State Development and Public Works Organisation Act 1971 (Qld)</i>
SEA	Strategic Environmental Area
SILO	Scientific Information for Land Owners
SLR	SLR Consulting Australia Pty Ltd
SMC	Safeguard Mechanism Credits
SMP	Soil Moisture Potential (relating to Chapter 5)
SMP	Species Management Program (relating to Chapter 6)
SMU	Soil Map Unit
SPRAT	Species Profile and Threats Database
SRMS	Scaled Root Mean Square
SSRC Act	<i>Strong and Sustainable Resource Communities Act 2017 (Qld)</i>
t	Tonnes
tCO ₂ -e	Tonnes carbon dioxide equivalent
TDS	Total Dissolved Solids
TEC	Threatened Ecological Community
TEP	Transitional Environmental Program
The Guidelines	Significant impact guidelines 1.3: Coal seam gas and large coal mining developments – impacts on water resources

Acronym / Abbreviation	Full Wording / Explanation
The Manual	Manual for Assessing Consequence Categories and Hydraulic Performance of Structures
The Project	New Lenton Coal Project
TLO	Train Load Out
TMR	Queensland Department of Transport and Main Roads
TSS	Total Suspended Solids
VC	Vegetation Community
VM Act	<i>Vegetation Management Act 1999 (Qld)</i>
W/m ²	Watts per square meter
Water Act	<i>Water Act 2000 (Qld)</i>
WMP	Water Management Plan
WONS	Weeds of National Significance
WQO	Water Quality Objective
WRM	WRM Water & Environment Pty Ltd
WRP	Water Resource Plan

